

# Requirements and Analysis Document

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## 1 Introduction

### 1.1 Purpose of the application

The purpose of the project is to design and create a messaging application in which multiple users can communicate with another. To differentiate from other messaging applications, the main purpose is that multiple users can join a group to communicate primarily on desktops or laptops. Students working in groups will benefit from the application as it provides a simple, private space for them to communicate and share information. As group work is common within education, the application serves a purpose for higher education and is therefore required to simplify communication between groups.

### 1.2 General characteristics of application

The application will be a cross-platform desktop application with a graphical user interface. The aim is develop the application so it is easy and pleasant to use, as well as have the possibility of being extended into a more complex messaging application. First time users get the possibility to enter the application, identify themselves, and thereafter search for groups they wish to join and communicate with. Once active, the user can view, send, and receive messages.

### **1.3 Scope of application**

### **1.4 Objectives and success criteria for the project**

### **1.5 Definitions, acronyms, and abbreviations**

## **2 Requirements**

### **2.1 User Stories**

Story identifier

### **2.2 User interface**

## **3 Domain model**

### **3.1 Class responsibilities**

## **4 References**